

Specifications

Technical

Product type	CCD (charge coupled device) still frame camera
Image size	640 x 480 pixels (high resolution) 320 x 240 pixels (standard resolution)
Bit depth	16 million colors, 24bit
Serial interface	S-pin DIN (camera); RS-232C (computer)
Internal memory	1MB flash memory

Optional expansion memory 2MB (0.5MB flash memory x 4 chips)
4MB (0.5MB flash memory x 8 chips)

Photographic

Lens	f = 6 mm (equivalent to a 43 mm lens on a 35 mm camera)
Range	2 ft (60 cm) to infinity
Exposure	Equivalent to ISO 130
Shutter	Automatic electronic shutter, 1/30 to 1/10,000 second
Viewfinder	Optical
Aperture	f5.6
Flash modes	Auto, forced flash, off
Flash range	3 ft to 10 ft (1m to 3m)

Physical Dimensions

Width	6.5 in. (166 mm)
Height	3.5 in. (88 mm)
Depth	1.9 in. (47 mm)
Weight	11 oz. (310g) without batteries

Power

Sources	4 AA batteries (single-use alkaline, single-use lithium, or rechargeable NiCad) Optional AC adapter (A882421)
Consumption	Approximately 100 milliwatt at power-on Approximately 4 W during image processing
	Maximum 12 W during flash discharge

Batteries

Replace all four PhotoIT batteries with any of the following:

- Single-use AA alkaline batteries
- Single-use AA lithium batteries (longest battery life)
- Rechargeable AA Ni-Cad batteries.**

Caution

To amid the danger of fire or explosion, do not mix different types of batteries. Do not allow the battery contacts to touch metal objects such as coins or keys, which could short out the battery's circuits.

Note the following when handling batteries:

- ❑ Do not use manganese batteries.
- ❑ Replace all four batteries at the same time.
- ❑ Do not drop, puncture, disassemble, or mutilate batteries. **Do not get them wet** or expose them to fire.
- ❑ When the camera is not used for long periods of time, remove the batteries and store them at a low temperature in a dry location.
- ❑ Dispose of used batteries according to the battery manufacturer's instructions and in compliance with all applicable laws. Contact your local government agency for information about battery recycling and disposal.
- ❑ If you use rechargeable Ni-Cad batteries, replace them with four fully-charged batteries. If you find that your batteries run out faster after you recharge them a number of times, make sure you discharge them completely before recharging.

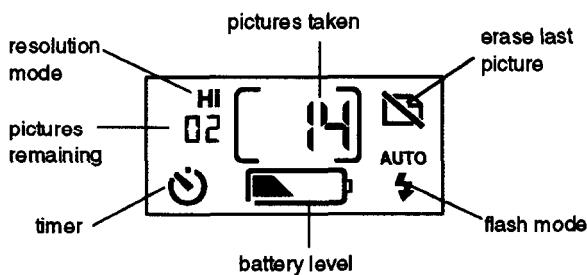
Checking the Battery Icon

Before you take pictures, check the battery icon on the control panel. The icon shows how much battery power you have left, in the following four stages:

-  Full battery power (or AC adapter in use)
-  Battery power is decreasing
-  Battery power is almost out
-  Change batteries

The Control Panel

The control panel keeps track of how many pictures have been taken and gives important information about the status of the battery and various settings.

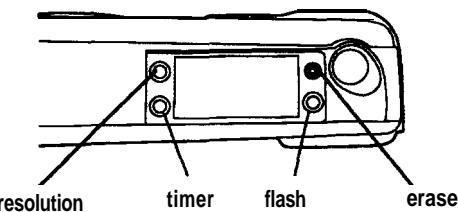


The Control Buttons

You can adjust the following settings using the control buttons on the top of the camera:

- ❑ Flash
- ❑ Resolution
- ❑ Timer.

All control button settings (except the timer) remain in effect even after you turn off the camera. However, they return to their factory settings when you remove or change the batteries.



Flash

The built-in flash has these three settings, which are effective within a range of 3 to 10 feet:

- AUTO** Auto sets the flash to go off automatically whenever it's needed (factory setting)
- Flash** Forced flash sets the flash to go off for every picture.
- Flash off** disables the flash even in inadequate lighting.

Resolution

The PhotoPC has the following two resolution settings:

- HI** High resolution images are captured at 640 x 480; the camera can hold up to 16 pictures at high resolution
- S** Standard resolution images are captured at 320 x 240; the camera can hold up to 32 pictures at this resolution

Timer

The timer sets a 10-second delay between the time the shutter button is pressed and the image is captured.

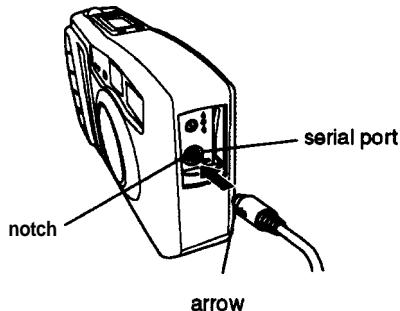
Erase

Press the erase button with a small pointed object to erase a picture from the camera's memory.

Connecting the Camera to the Computer

Follow these steps to connect the camera to the computer to transfer pictures:

1. Press on the arrows on the camera's port cover and slide down the cover.
2. Align the cable connector with the camera's serial port as shown.



3. Connect the other end of the cable to one of the computer's serial ports and tighten the retaining screws.
4. Turn on the camera and the computer system. A frame appears around the picture counter on the control panel.

Note:

When the camera is connected to the computer, you cannot use the shutter button or any of the control buttons.

Use EasyPhoto to transfer pictures to the computer; see the EPSON PhotoPC User's Guide for instructions.

Maintenance

Care for the camera as follows:

- Use a clean, dry cloth to keep the camera free of dust.
- Do not use harsh abrasive cleaners.
- To clean the lens, blow off any loose dust; then breath on the lens and wipe off the moisture with a soft, lint-free cloth or lens cleaning tissue. To avoid scratching the lens, do not press too hard.
- Cover the lens (power switched off) when you are not using the camera.
- If necessary, clean the battery contacts with a dry cloth.

In storage, do not expose the camera to the following:

- Direct sunlight, bright light sources, or heat sources (such as a closed car)
- Excessive dust, dirt, humidity, strong vibrations, or magnetic fields.

Optional Accessories

You can increase the camera's storage capacity by installing a 2MB or 4MB PhotoSpan memory module, as described in this table:

Number of photos	1MB internal memory	With 2MB PhotoSpan A882401	With 4MB PhotoSpan A882411
At high resolution	16	48	80
At standard resolution	32	96	160

See the EPSON PhotoPC User's Guide for instructions on installing a PhotoSpan module.

You can connect the PhotoPC to a standard electrical outlet using the AC adapter (A882421, model PCDC002) to save power when transferring pictures to the computer or operating the camera from the computer. The adapter does not charge the camera's batteries.

Information Reference List

Engineering Change Notices

None.

Product Support Bulletins

None.

Technical Support Bulletins

None.

Related Documentation

6360472037 PhotoPC User's Guide